IN THE CLAIMS:

1.   (Canceled).

2.   (Currently Amended): ~~The method of claim 1,~~ A method for controlling gas pressure for inflating a passenger-side frontal airbag in a vehicle, comprising:

determining whether at least one passenger is resident in the passenger seat;

determining a number of passengers and a current passenger type corresponding to the at least one passenger when at least one passenger is resident in the passenger seat, the current passenger type being selected from a plurality of predetermined passenger types;

determining whether the number of the at least one passenger is not one;

determining, in the case that the number of the at least one passenger is not one, whether a collision occurs;

determining, in the case of a vehicle collision, whether the vehicle collision is a frontal collision;

detecting, in the case of the frontal collision, a frontal impact generated from the vehicle collision; and

adjusting the gas pressure for inflating the passenger-side frontal airbag on the basis of the current passenger type and the frontal impact generated from the collision;

wherein when the current passenger type is a child only type, the adjusting the gas pressure comprises:

determining whether the detected frontal impact is larger than a first predetermined impact (Im_1); and

determining whether the detected frontal impact is larger than a second predetermined impact (Im_2 wherein, Im_2 > Im_1),

wherein when the detected frontal impact is not larger than the first predetermined impact the passenger-side airbag is not operated,

wherein when the detected impact is larger than the first predetermined impact (Im_1) and is not larger than the second predetermined impact (Im_2) the gas pressure is formed to be 25% of a normal pressure (P_normal), and

wherein when the detected impact is larger than the second predetermined impact (Im_2) the gas pressure is formed to be 50% of the normal pressure (P_normal).

3. (Currently Amended): ~~The method of claim 1,~~ A method for controlling gas pressure for inflating a passenger-side frontal airbag in a vehicle, comprising:

determining whether at least one passenger is resident in the passenger seat;

determining a number of passengers and a current passenger type corresponding to the at least one passenger when at least one passenger is resident in the passenger seat, the current passenger type being selected from a plurality of predetermined passenger types;

determining whether the number of the at least one passenger is not one;

determining, in the case that the number of the at least one passenger is not one, whether a collision occurs;

determining, in the case of a vehicle collision, whether the vehicle collision is a frontal collision;

detecting, in the case of the frontal collision, a frontal impact generated from the vehicle collision; and

adjusting the gas pressure for inflating the passenger-side frontal airbag on the basis of the current passenger type and the frontal impact generated from the collision;

wherein when the current passenger type is an adult only type, the adjusting the gas pressure comprises:

determining whether the detected frontal impact is larger than a first predetermined impact (Im_1); and

determining whether the detected frontal impact is larger than a second predetermined impact (Im_2 wherein, Im_2 > Im_1),

wherein when the detected frontal impact is not larger than the first predetermined impact the passenger-side airbag is not operated,

wherein when the detected impact is larger than the first predetermined impact (Im_1) and is not larger than the second predetermined impact (Im_2) the gas pressure is formed to be 75% of a normal pressure (P_normal), and

wherein when the detected impact is larger than the second predetermined impact (Im_2) the gas pressure is formed to be 100% of the normal pressure (P_normal).

4. (Currently Amended): ~~The method of claim 1,~~ A method for controlling gas pressure for inflating a passenger-side frontal airbag in a vehicle, comprising:

determining whether at least one passenger is resident in the passenger seat;

determining a number of passengers and a current passenger type corresponding to the at least one passenger when at least one passenger is resident in the passenger seat, the

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current passenger type being selected from a plurality of predetermined passenger types;

determining whether the number of the at least one passenger is not one;

determining, in the case that the number of the at least one passenger is not one, whether a collision occurs;

determining, in the case of a vehicle collision, whether the vehicle collision is a frontal collision;

detecting, in the case of the frontal collision, a frontal impact generated from the vehicle collision; and

adjusting the gas pressure for inflating the passenger-side frontal airbag on the basis of the current passenger type and the frontal impact generated from the collision;

wherein when the current passenger type is a child-adult mixed type, the adjusting the gas pressure comprises:

determining whether the detected frontal impact is larger than a first predetermined impact (Im_1); and

determining whether the detected frontal impact is larger than a second predetermined impact (Im_2 wherein, Im_2 > Im_1),

wherein when the detected frontal impact is not larger than the first predetermined impact the passenger-side airbag is not operated,

wherein when the detected impact is larger than the first predetermined impact (Im_1) and is not larger than the second predetermined impact (Im_2) the gas pressure is formed to be 25% or 50% of a normal pressure (P_normal), and

wherein when the detected impact is larger than the second predetermined impact (Im_2) the gas pressure is formed to be 50% or 75% of the normal pressure (P_normal).

5.   (Canceled).

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